

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 14 (canceled)

15 (new): A phase-change optical information recording medium in which information can be recorded, erased and read, comprising:

a substrate; and

a recording layer located overlying the substrate and achieving a crystal phase and an amorphous phase,

wherein the recording layer satisfies the following relationship:

$$A_c < A_a$$

wherein A_c represents an absorptance of the recording layer in the crystal phase against light having a wavelength of from 370 nm to 450 nm and A_a represents an absorptance of the recording layer in the amorphous phase against the light having a wavelength of from 370 nm to 450 nm; and

wherein information is recorded in the recording layer with light having a wavelength of from 370 nm to 450 nm at a recording density of 0.05 $\mu\text{m}/\text{bit}$ to 0.16 $\mu\text{m}/\text{bit}$.